

Product datasheet

Anti-IRGM antibody ab93901

★★★★☆ 1 Abreviews 1 References 画像数 1

製品の概要

製品名	Anti-IRGM antibody
製品の詳細	Rabbit polyclonal to IRGM
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human IRGM.Immunogen の所有権に関して
ポジティブ・コントロール	This antibody gave a positive signal in the following human tissue lysates: Small Intestine; Colon.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab93901** in the following tested applications.

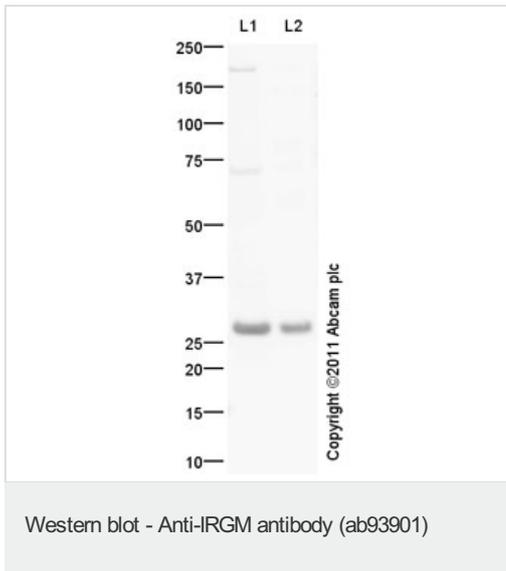
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 27 kDa (predicted molecular weight: 20 kDa).

ターゲット情報

機能	Putative GTPase which is required for clearance of acute protozoan and bacterial infections. Functions in innate immune response probably through regulation of autophagy. May regulate proinflammatory cytokine production and prevent endotoxemia upon infection. May also play a role in macrophages adhesion and motility.
組織特異性	Widely expressed (at protein level). Expressed in several tissues including colon, small bowel and peripheral blood leukocytes.
関連疾患	Defects in IRGM are the cause of susceptibility to inflammatory bowel disease type 19 (IBD19) [MIM:612278]. A chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn disease may affect any part of the gastrointestinal tract from the mouth to the anus, but most frequently it involves the terminal ileum and colon. Bowel inflammation is transmural and discontinuous; it may contain granulomas or be associated with intestinal or perianal fistulas. In contrast, in ulcerative colitis, the inflammation is continuous and limited to rectal and colonic mucosal layers; fistulas and granulomas are not observed. Both diseases include extraintestinal inflammation of the skin, eyes, or joints.
配列類似性	Belongs to the interferon-inducible GTPase family.
細胞内局在	Golgi apparatus membrane. Cell membrane. Cytoplasmic vesicle > phagosome membrane. Cytoplasmic vesicle > autophagosome membrane. Cell projection > phagocytic cup. Behaves like an integral membrane protein (By similarity). Recruited to the plasma membrane around forming phagocytic cups, it remains associated with maturing autophagosomes (By similarity). Preferentially associated with cis- and medial-Golgi.

画像



All lanes : Anti-IRGM antibody (ab93901) at 1 μ g/ml

Lane 1 : Human small intestine tissue lysate - total protein ([ab29276](#))

Lane 2 : Human colon tissue lysate - total protein ([ab30051](#))

Lysates/proteins at 10 μ g per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 20 kDa

Observed band size: 27 kDa

Additional bands at: 200 kDa, 70 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 2 minutes

Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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